

REMARKS/ARGUMENTS

Favorable reconsideration of this application, in light of the present amendments and the following discussion, is respectfully requested.

Claims 1-13 are pending in this case. Claims 1, 9, and 12 are amended by the present amendment. The changes to Claims 1, 9, and 12 are supported in the originally-filed disclosure at least at the Abstract and at paragraphs [0161]-[0163] of the published application. Thus, no new matter is added.

In the outstanding Office Action, Claims 1, 2, 4, 8, and 12 were rejected under 35 U.S.C. § 102(b) as anticipated by Kurita, et al. (WO 00/41364, corresponding to U.S. Patent No. 6,898,640 B1, herein “Kurita”); Claims 3, 5, 9, and 13 were rejected under 35 U.S.C. § 103(a) as unpatentable over Kurita, in view of Ala-Luukko, et al. (U.S. Patent No. 6,934,285 B1, herein “Ala-Luukko”); Claim 6 was rejected under 35 U.S.C. § 103(a) as unpatentable over Kurita, in view of Maufer, et al. (U.S. Patent No. 7,120,930 B2, herein “Maufer”); Claim 7 was rejected under 35 U.S.C. § 103(a) as unpatentable over Kurita, in view of Maufer, further in view of Ogawa, et al. (U.S. Patent No. 6,208,653 B1, herein “Ogawa”); and Claims 10 and 11 were rejected under 35 U.S.C. § 103(a) as unpatentable over Kurita, in view of Ala-Luukko, further in view of Angwin, et al. (U.S. Patent No. 6,167,450, herein “Angwin”).

The Abstract is amended to remove unit numbers and references to an invention.

Applicants now respectfully traverse the rejections of the claims.

Amended Claim 1 is directed to a gateway device and includes:

a receiver configured to receive control information, required for providing a plurality of services, from the service control device, the control information including rules or policies defined for each of the plurality of services; and
an information processor configured to perform a predetermined information process for a signal received from the mobile communication network or the external network

based on the control information, wherein each rule or policy included in the control information specifies processing for the signal.

The outstanding Office Action cites Kurita as teaching all the elements of Claim 1. Specifically, the outstanding Office Action, at page 2, cites the gateway, GWS 5, of Kurita as teaching the gateway device as defined by Claim 1 and the Mobile Service Control Point, M-SCP 9, of Kurita as teaching the service control device as defined by Claim 1

Kurita describes communication between a mobile station and a content provider that requires less overhead than TCP/IP. Kurita describes a conventional gateway, as described at paragraph [0004] of the published application, that relays packets between the mobile communication network and an IP network, but the gateway of Kurita does not perform processes for changing service, for example, from a service to provide present location to a service to search businesses in the present location, in the gateway device.

The outstanding Office Action cites column 10, lines 4-48, of Kurita as teaching both the receiver and the information processor as defined by Claim 1. However, Kurita describes a packet communication registration that must be completed so that “[p]acket communications may then commence,” as stated at column 10, lines 55-56. The M-SCP 9 “performs registration for initiating packet communication between the MS 1 and the wireless communication system, and **returns a packet communication registration response message to the GWS 5**,” as described at column 10, lines 31-34, of Kurita.

However, even assuming, *arguendo*, that registration is a type of service provided by the gateway, GWS 5, to commence packet communication, Kurita does not teach or suggest the gateway, GWS 5, “**providing a plurality of services**,” as recited in amended Claim 1. Further, the packet communication registration response message of Kurita does not teach or suggest “**control information including rules or policies defined for each of the plurality**

of services...wherein each rule or policy included in the control information specifies processing for the signal," as recited in amended Claim 1.

Because Kurita does not teach or suggest at least the above-discussed features of Claim 1, Applicants respectfully request that the rejection of Claim 1 under 35 U.S.C. § 102(b) be withdrawn.

Claims 2-11 and 13 depend from Claim 1 and, therefore, patentably define over Kurita for the same reasons as Claim 1. Further, Ala-Luukko, which is additionally cited against Claims 3, 5, 9, and 13; Maufer, which is additionally cited against Claim 6; the combination of Maufer and Ogawa, which is additionally cited against Claim 7; and the combination of Ala-Luukko and Angwin, which is additionally cited against Claims 10 and 11, do not cure the deficiencies of Kurita with regard to amended Claim 1. Thus, Applicants respectfully request that the rejections under 35 U.S.C. § 102(e) and under 35 U.S.C. § 103(a) of Claims 2-11 and 13 be withdrawn.

Amended Claim 12 is directed to a method of processing a signal in a gateway device and includes “**determining a service type, from one of a plurality of service types, and a destination requested by a service request signal by the various rules or policies distributed from the service control device** for the service request signal received from the mobile communication network or the external network, **wherein each rule or policy relates to one of the plurality of service types and specifies processing of the service request signal.**”

The outstanding Office Action, at page 4, cites column 10, lines 4-48, of Kurita as teaching the receiving and retaining and judging steps of Claim 12. However, as stated at column 7, lines 8-9, of Kurita, “the GWS 5 operates as a relay between the MS 1 and the CPS 8.” Such a relay role does not teach or suggest a gateway “**determining a service type, from one of a plurality of service types...by the various rules or policies distributed from the**

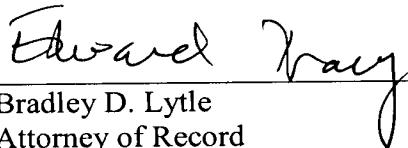
service control device," as recited in Claim 12. Further, Kurita does not teach or suggest a **"each rule or policy relates to one of the plurality of service types and specifies processing of the service request signal,"** as recited in amended Claim 12.

Because Kurita does not teach or suggest at least the above-discussed features of Claim 12, Applicants respectfully request that the rejection of Claim 12 under 35 U.S.C § 102(b) be withdrawn.

Consequently, in light of the above discussion, the present application is believed to be in condition for allowance. An early and favorable action to that effect is respectfully requested.

Respectfully submitted,

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